
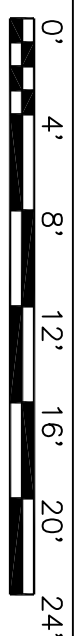
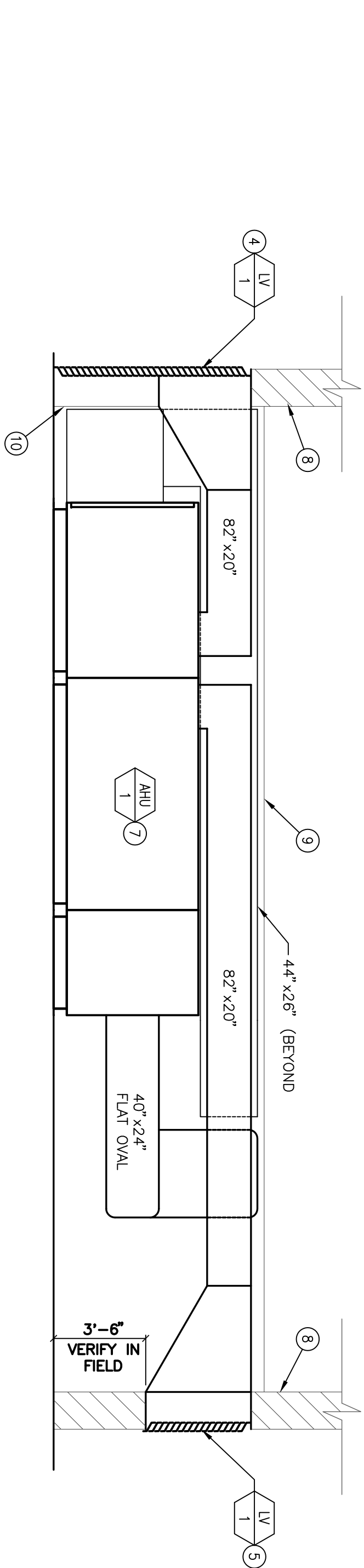


95% SUBMISSION			
REVISIONS		DATE	
<div><div>CSHQ</div><div>C.M. MOORE PLAZA 250 S. 5TH ST. BOISE, ID 83725 (208) 343-4535 • FAX (208) 343-1858 <a href="http://www.csha.com">http://www.csha.com</a></div></div>			
<div><div><div><div><div>BOISE, IDAHO</div><div>PHONE (208) 343-4535</div><div>FAX (208) 343-1858</div></div><div><div>C.M. MOORE PLAZA</div><div>250 S. 5TH ST.</div><div>BOISE, IDAHO 83725</div></div></div><div><div>THESE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED BY AN INDIVIDUAL OR FIRM WHO IS NOT A REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT IN THE STATE OF IDAHO. THEREFORE, THEY ARE NOT TO BE USED FOR ANY PURPOSES REQUIRING A LICENSED PROFESSIONAL ENGINEER OR ARCHITECT. ANYONE USING THESE DRAWINGS OR SPECIFICATIONS FOR SUCH PURPOSES WITHOUT THE WRITTEN CONSENT OF C.M. MOORE PLAZA WILL BE RESPONSIBLE FOR ANY CONSEQUENCES.</div></div></div></div>		STAMP	
PRELIMINARY NOT FOR CONSTRUCTION		ISSUING TITLE	
APPROVED: SERVICE DIRECTOR		GROUND FLOOR MECHANICAL PLAN	
APPROVED: DESIGN CHIEF		VAMC ENERGY UPGRADES PHASE ONE BUILDING 33	
BUILDING NUMBER 33		CHECKED RME DJH	
LOCATION BOISE, IDAHO		ISSUING NO. M2.1	
PAGE 11 OF 32		DATE 03/03/11 PROJECT NO. 531-10-114	
DEPARTMENT OF VETERANS AFFAIRS			

## 2 AIR HANDLING UNIT (ELEVATION)



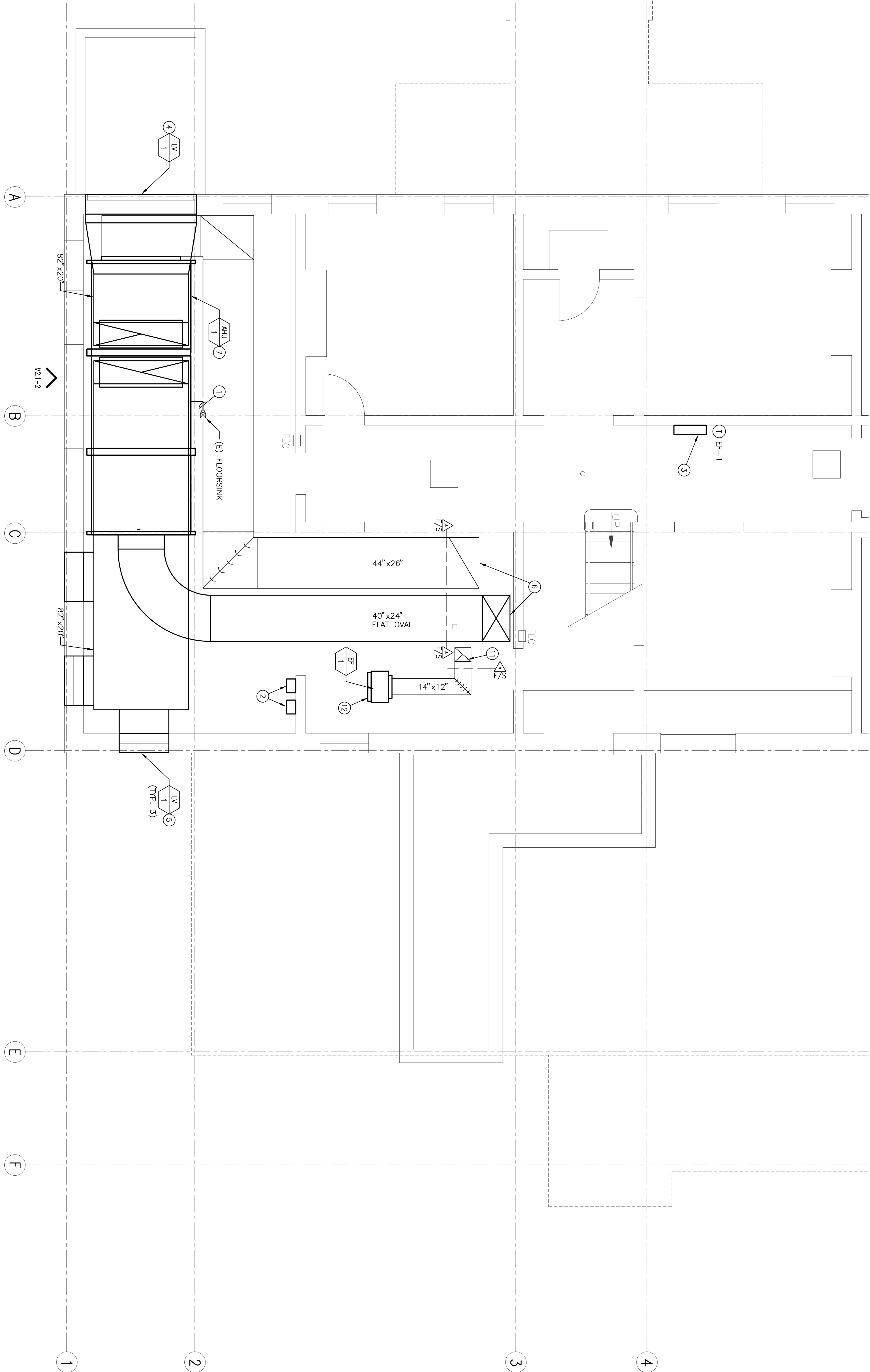
SCALE: 1/4" = 1'-0"



# 1 GROUND FLOOR HVAC PLAN BLDG. 33



SCALE: 1/4" = 1'-0"



## GENERAL NOTES:

- A. ROUTE AS NECESSARY IN COORDINATION WITH OTHER TRADES. HOLD DUCTWORK AS HIGH AS POSSIBLE AND ROUTE DUCTWORK WITH A STRAIGHT LINE WHERE POSSIBLE. B. UNLESS OTHERS ARE NOTIFIED, DUCTWORK SHALL BE INSTALLED AT THE SAME SIZE AS THE DOWN STREAM DUCTWORK. FOR CLEANLY, NOT ALL SIZES HAVE BEEN SHOWN. C. DUCTWORK SHALL BE INSTALLED AT 48" AFT CORNBOUTE LOCATION OF TEMPERATURE SENSORS. IN LAD SPACES WITH PLUMBING CONNECTIONS, DUCTWORK SHALL BE SLOPED FOR CONNECTION TO EQUIPMENT WAY DIFFER FROM EXACT SIZED DUCT TO DUCT CONNECTION. D. TEMPERATURE SENSORS SHALL BE INSTALLED AT 48" AFT SIZED DUCT CONNECTION. E. TEMPERATURE SENSORS SHALL BE INSTALLED AT 48" AFT SIZED DUCT CONNECTION. F. THE DAMPERS SHALL BE 1-1/2" MOD RATED UNLESS OTHERWISE NOTED. G. CONTRACTOR SHALL PROVIDE ALL NECESSARY TRANSITIONS TO AVOID CONFLICT WITH OTHER DUCTWORK, PLUMBING, STRUCTURE, ETC. AS PART OF THE CONTRACT. ELBOWS WITH TURNING WELLS. H. ALL ELBOWS/TRANSITIONS SHALL BE PROVIDED WITH 4" MIN THICK PATTERNS UNLESS OTHERWISE NOTED. I. TRANSITION AS NECESSARY FROM DUCT SIZES INDICATED ON PLAN TO EQUIPMENT DUCT CONNECTION. J. PIPING PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE RESTORED IN ACCORDANCE WITH NFPA-704. K. DUCTWORK AND PIPING SHALL BE FOR GENERAL ROUTING PURPOSES ONLY. ALL NECESSARY TRANSITIONS, HIGH POINT VENTS AND LOW POINT DRAINS AND OTHERS NECESSARY TO INSTALL A COMPLETE AND FUNCTIONING SYSTEM. L. THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GIRD TO A MINIMUM OF 6' ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING UNIFORM DUCT (IE LIGHT FIXTURES, SPEAKERS, DIFFUSERS), NO PIPING. M. DUCTWORK SHALL BE INSTALLED IN THE SPACE UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER. N. CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED AS A MINIMUM COURSE TO OSHA TRAINING AND BE KNOWLEDGEABLE OF GENERAL CONSTRUCTION, ELECTRICAL, MECHANICAL, PLUMBING, AND PIPING. P. PROTECTIVE EQUIPMENT: HEADGEAR, SAFETYGLASSES, GAINES, ELECTRICAL, ETC. APPLICABLE SUBORDINATES ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. Q. IF ACCESSING SPACE IS LIMITED SPACE, THE CONTRACTOR IS REQUIRED TO HAVE THEIR OWN CONFINED SPACE AREAS AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. R. THE CONTRACTOR MUST ENTER A SAFETY SYSTEM. S. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MONITOR THE MUST HAVE ANHOLE. IN ADDITION TO A CONFINED SPACE, THE CONTRACTOR SHALL MONITOR WHERE IT IS NOT POSSIBLE FOR THE VA TO SHOWDOWN AN APPROPRIATE PANEL OR CIRCUIT. THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.

# SHEET NOTES: